

Converting Colors

CIELCh(58, 34.239, 141.694)

Have a look what the booklet for
CIELCh(58, 34.239, 141.694)
contains.

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Color

CIELCh(58, 34.277, 141.677)

Conversions

Conversions Part 1

Format	Color
Hex	669765
RGB	102, 151, 101
RGB Percent	40%, 59%, 40%
CMY	0.5994, 0.4072, 0.6033
CMYK	0.32, 0.00, 0.33, 0.41
HSL	119°, 20%, 49%
HSV	119°, 33%, 59%
XYZ	18.9456, 25.9610, 16.3626
YIQ	130.6490, -13.1540, -25.9380

Conversions

Conversions Part 2

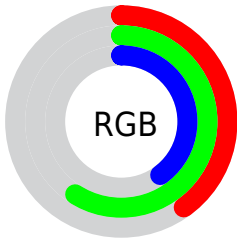
Format	Color
RYB	101, 151, 150
Decimal	6723429
CIELab	58.00, -26.89, 21.25
CIELCh	58, 34.277, 141.677
Yxy	25.9610, 0.3092, 0.4237
Android (android.graphics.Color)	4284913509 (0xFF669765)
YUV	130.6490, -14.6170, -25.1252
Hunter-Lab	50.9519, -22.7937, 16.6261

Details

The CIELCh color $58, 34.277, 141.677$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 34.302, 325.605$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 34.609, 141.317$, and $38, 34.289, 141.984$ is the 20% darker color. If you saturate the color by 10%, you get $57, 44.298, 140.770$, and if you desaturate by 10%, it is $59, 23.959, 142.477$.

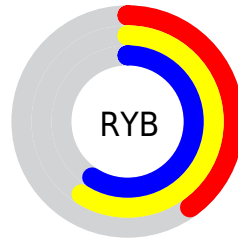
Distribution



Red (40%)

Green (59%)

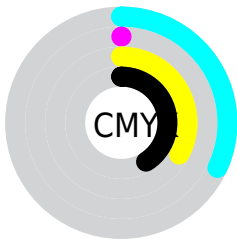
Blue (40%)



Red (40%)

Yellow (59%)

Blue (59%)

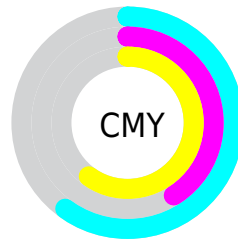


Cyan (32%)

Magenta (0%)

Yellow (33%)

Black (41%)



Cyan (60%)

Magenta (41%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 34.277, 141.677 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 58, 34.277, 141.677 by changing the saturation by 10% instead.


 58, 34.277,
141.677

 58, 34.277,
141.677


 100, 34.277,
141.677

 48, 34.277,
141.677


 78, 34.277,
141.677

 38, 34.277,
141.677

 88, 34.277,
141.677

 28, 34.277,
141.677

 98, 34.277,
141.677

 18, 34.277,
141.677

 8, 34.277, 141.677

 0, 34.277, 141.677

■ 58, 34.277,
141.677

■ 58, 34.277,
141.677

■ 57, 44.298,
140.770

■ 59, 23.959,
142.477

■ 56, 53.766,
139.769

■ 61, 13.539,
143.171

■ 55, 62.366,
138.717

■ 62, 3.166, 143.809

■ 55, 69.726,
137.697

■ 64, 7.053, 324.215

■ 55, 75.439,
136.829

■ 65, 17.044,
324.657

■ 54, 79.169,
136.246

■ 67, 26.763,
325.022

■ 54, 80.964,
135.910

■ 69, 36.183,
325.330

■ 71, 45.293,
325.592

■ 74, 54.095,
325.816

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58, 34.277, 141.677



50, 34.302, 325.605

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58, 34.277, 141.677



58, 34.277, 191.677



58, 34.277, 321.677



58, 34.277, 11.677

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58, 34.278, 141.677



77, 12.784, 143.355



61, 26.780, 105.604



41, 8.798, 143.273



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 34.278, 141.677



73, 51.017, 140.987



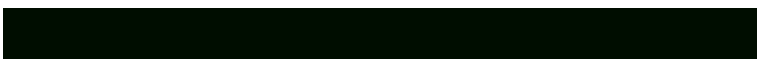
58, 24.386, 158.921



32, 5.892, 143.415



51, 76.645, 135.900



3, 6.345, 143.918

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50, 34.302, 325.605



60, 50.993, 325.976



49, 25.206, 344.824



30, 5.903, 324.367



32, 74.132, 327.457



1, 6.339, 323.832

Previews

White Background



This preview shows how the CIELCh color 58, 34.277, 141.677 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 34.277, 141.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 34.277, 141.677

Background



This preview shows how black text looks on a background with the CIELCh color 58, 34.277, 141.677.



This preview shows how white text looks on a background with the CIELCh color 58, 34.277, 141.677.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
58, 34.277, 141.677

Protanopia
58, 24.653, 96.041

Deuteranopia
58, 20.758, 69.280



Tritanopia
58, 12.969, 230.478

Trichromacy



Original Color
58, 34.277, 141.677

Protanomaly
58, 25.539, 116.834

Deuteranomaly
57, 20.266, 106.564

Tritanomaly
58, 15.940, 174.728

Monochromacy



Original Color
58, 34.277, 141.677

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 12.382, 142.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 34.277, 141.677 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(102, 151, 101)` looks like.

```
.text, #text, p{  
    color:rgb(102, 151, 101)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(102, 151, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 151, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 34.277, 141.677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 151, 101) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(102, 151, 101) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(102, 151, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 151, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 151, 101);  
box-shadow:4px 4px 4px 4px rgb(102, 151,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 34.277, 141.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 151, 101) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(102,  
151, 101) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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